



1309.43634X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Kunihiko NASHIMOTO et al.

Serial No.: 10/795,997

Filed: March 10, 2004

For: STORAGE CONTROL SUBSYSTEM FOR MANAGING  
LOGICAL VOLUMES

Group: 2188

Examiner: M. Padmanabhan

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 6, 2005

Sir:

In the matter of the above-identified application, Applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger & Malur, Deposit Account No. 50-1417 (referencing attorney docket no. 1309.43634X00) please credit any excess fees to such deposit account.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



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**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

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Kunihiro NASHIMOTO et al.

FILING DATE  
March 10, 2004

GROUP  
2188

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,257,367	10-1993	GOODLANDER et al.			
	5,388,243	2-1995	GLIDER et al.			
	6,854,034	2-2005	KITAMURA et al.			
	2002/0184439 A1	12-2002	HINO et al.			
	2003/0191917 A1	10-2003	MCBREARTY et al.			
	2003/0196056 A1	10-2003	VISHLITZKY et al.			
	2004/0148479 A1	7-2004	PATEL et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**EXAMINER** \_\_\_\_\_ **DATE CONSIDERED** \_\_\_\_\_

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])